

Title (en)

Induction coil and device for inductive heating of workpieces

Title (de)

Induktionsspule und Vorrichtung zum induktiven Erwärmen von Werkstücken

Title (fr)

Bobine d'induction et dispositif destinés au réchauffement par induction de pièces usinées

Publication

**EP 1968355 B1 20130227 (DE)**

Application

**EP 07004759 A 20070308**

Priority

EP 07004759 A 20070308

Abstract (en)

[origin: EP1968355A1] The induction coil has multiple coils and one of the coils is formed in partly flat manner. The coils are arranged for inductive inducement by a part of the remaining coil. The part of the remaining coil is arranged, for inductive inducement, directly adjacent, parallel or enclose to the flat coil (6d). The flat coil has an area with lesser measurement than the total size of the flat coil, which is determined for receiving a workpiece to be heated. An independent claim is also included for a device for inductive heating of workpiece.

IPC 8 full level

**H05B 6/36** (2006.01); **H05B 6/44** (2006.01)

CPC (source: EP)

**H05B 6/362** (2013.01); **H05B 6/44** (2013.01)

Cited by

CN110679203A; CN108513385A; DE102018201452A1; DE102018208400A1; CN112203858A; DE102018203273A1; EP2652160B1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

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